

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012721\
 Data File : BF123050.D
 Acq On : 27 Jan 2021 19:28
 Operator : JU/CG
 Sample : M1150-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 23:39:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 16:56:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

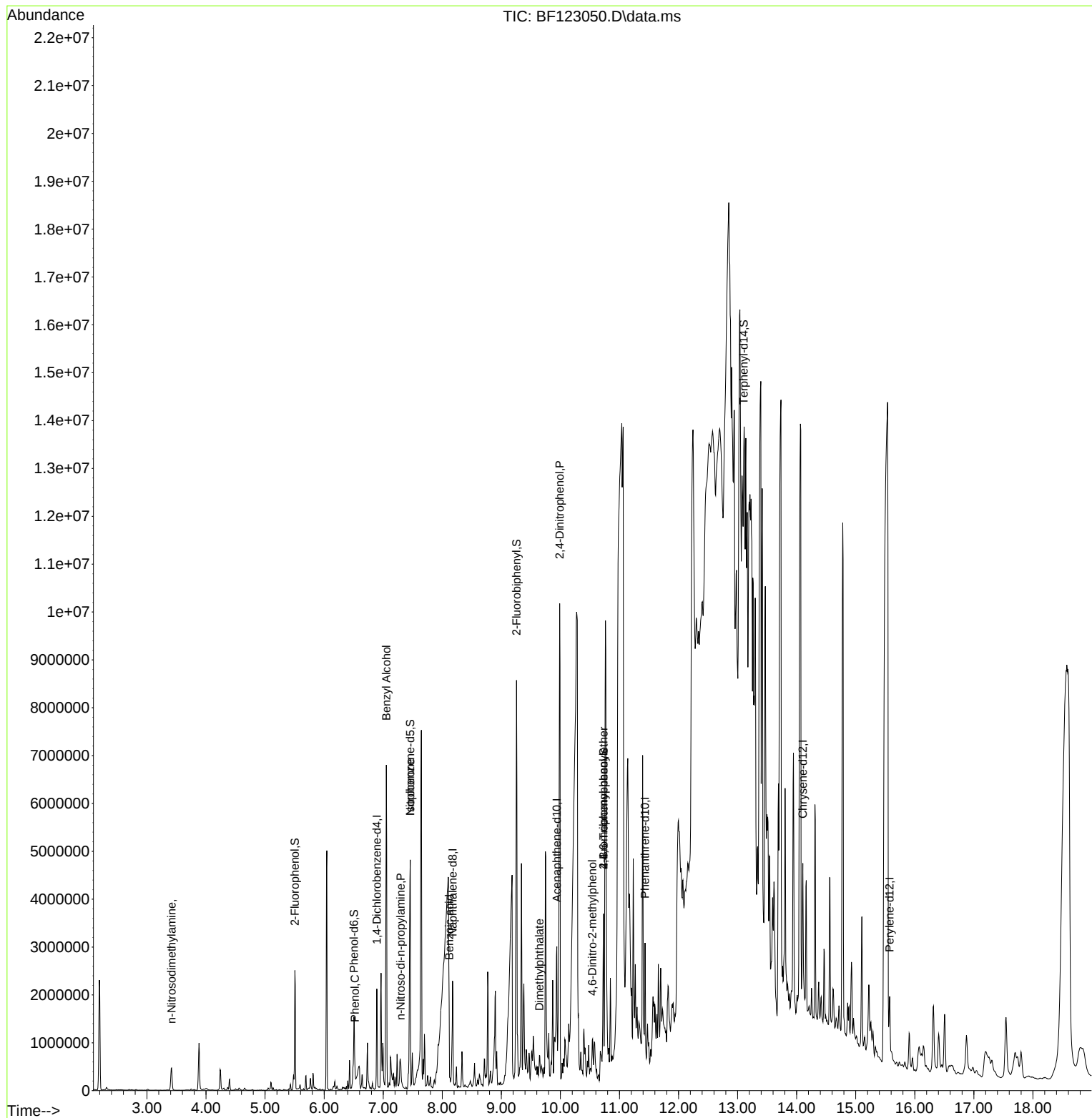
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	275928	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1021572	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	487679	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	776512	20.00	ng	0.00
76) Chrysene-d12	14.104	240	544457	20.00	ng	0.00
86) Perylene-d12	15.574	264	558119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	677313	37.86	ng	0.00
7) Phenol-d6	6.504	99	491553	20.27	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1878710	92.55	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	401941	75.92	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3071923	93.64	ng	0.00
79) Terphenyl-d14	13.104	244	2202571	79.48	ng	0.08
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.416	42	21523	2.15	ng	# 1
10) Phenol	6.522	94	94533	3.93	ng	82
15) Benzyl Alcohol	7.051	79	34406	2.02	ng	# 44
19) n-Nitroso-di-n-propyla...	7.298	70	52502	3.60	ng	# 52
25) Isophorone	7.457	82	1867988	50.24	ng	# 65
32) Benzoic acid	8.116	122	1052286	80.06	ng	# 82
50) Dimethylphthalate	9.645	163	84399	2.21	ng	99
54) 2,4-Dinitrophenol	9.986	184	25753	13.16	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.539	198	498	4.21	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	26691	2.70	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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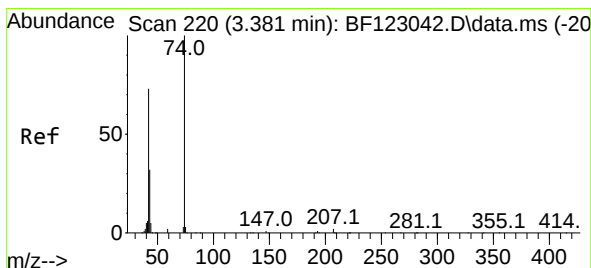
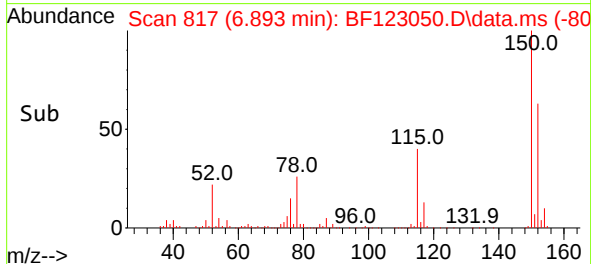
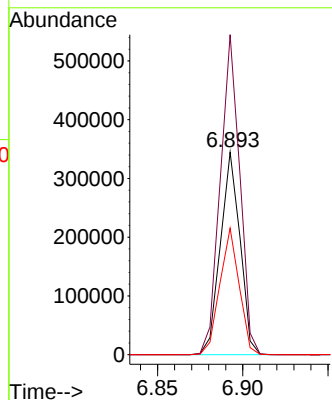
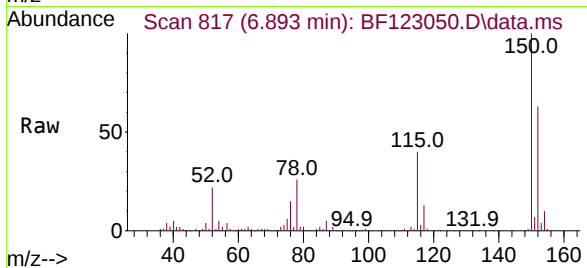




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

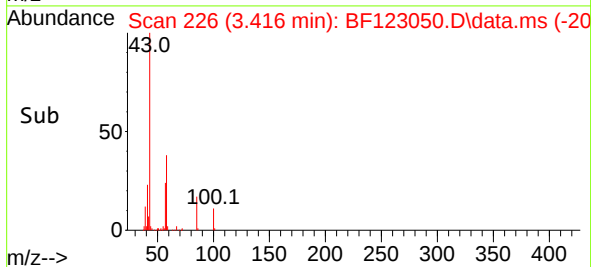
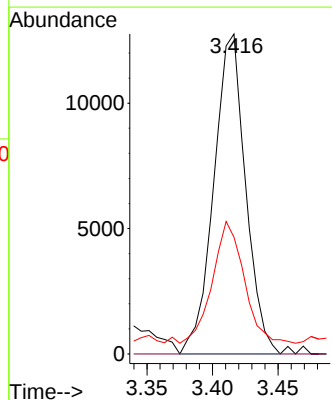
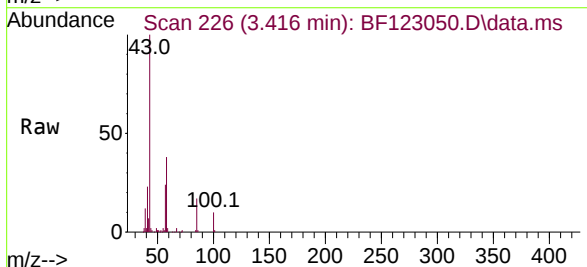
Instrument :
BNA_F
ClientSampleId :

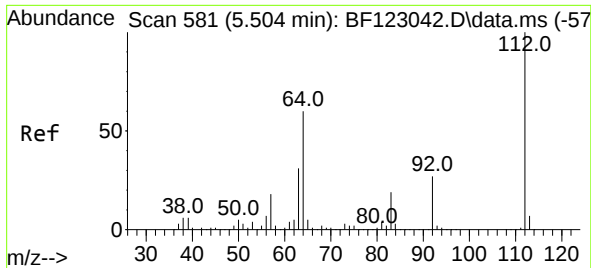
Tgt Ion:152 Resp: 275928
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 62.5 49.3 73.9



#4
n-Nitrosodimethylamine
Concen: 2.15 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.035 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion: 42 Resp: 21523
Ion Ratio Lower Upper
42 100
74 0.0 115.2 172.8#
44 36.5 5.4 8.0#

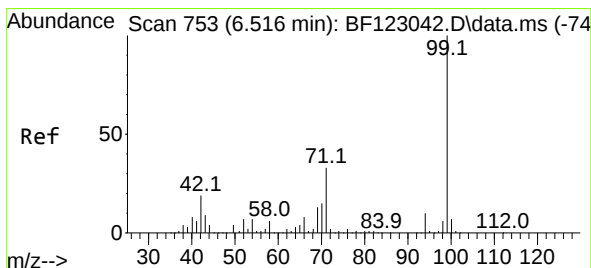
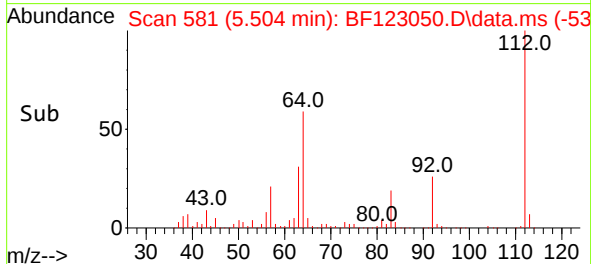
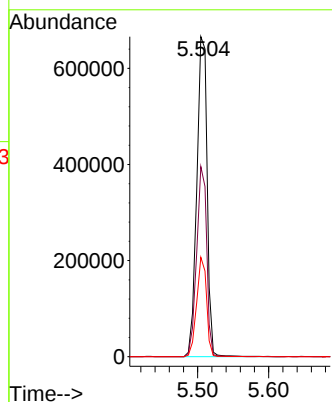
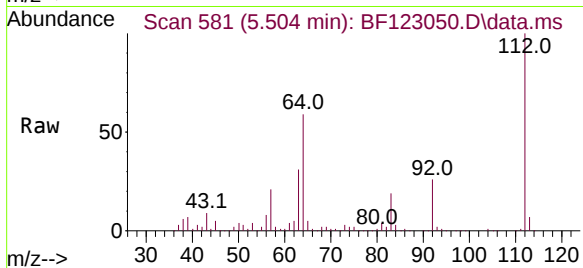




#5
2-Fluorophenol
Concen: 37.86 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

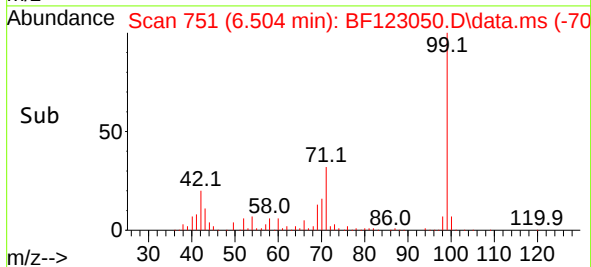
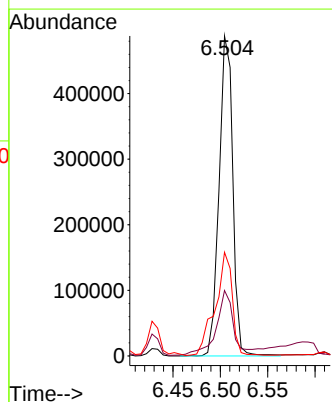
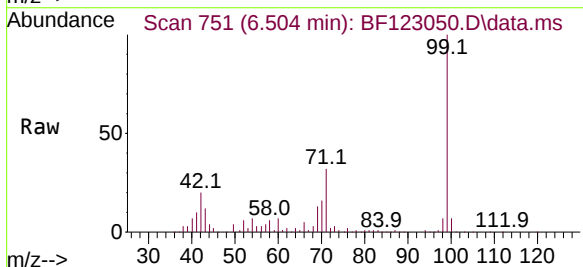
Instrument :
BNA_F
ClientSampleId :

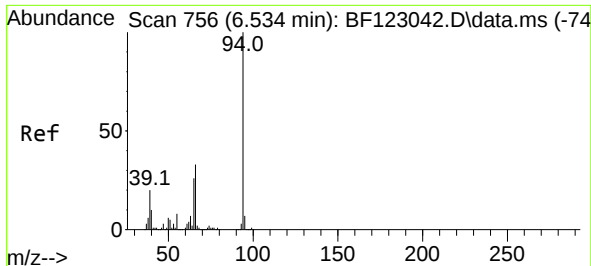
Tgt Ion:112 Resp: 677313
Ion Ratio Lower Upper
112 100
64 59.4 46.9 70.3
63 31.1 24.5 36.7



#7
Phenol-d6
Concen: 20.27 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion: 99 Resp: 491553
Ion Ratio Lower Upper
99 100
42 20.5 13.8 20.6
71 32.4 26.9 40.3

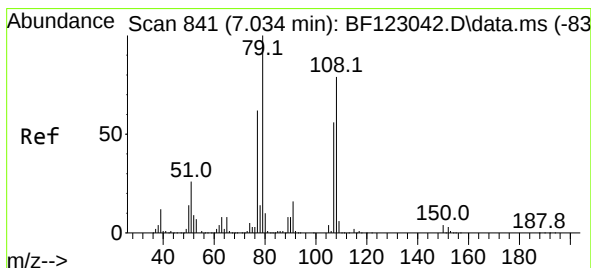
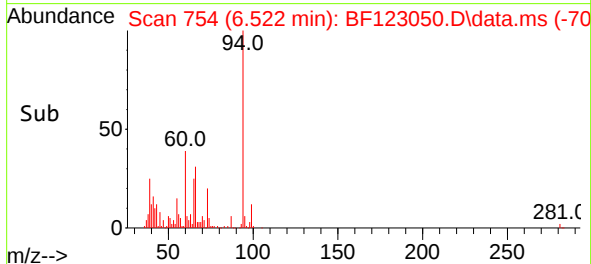
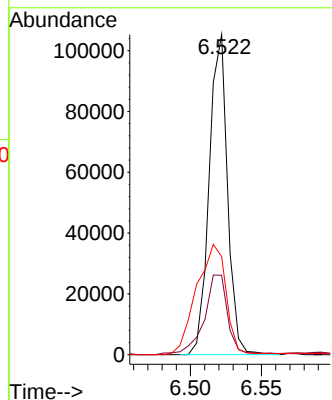
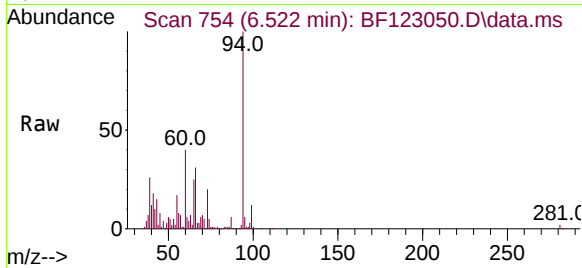




#10
Phenol
Concen: 3.93 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

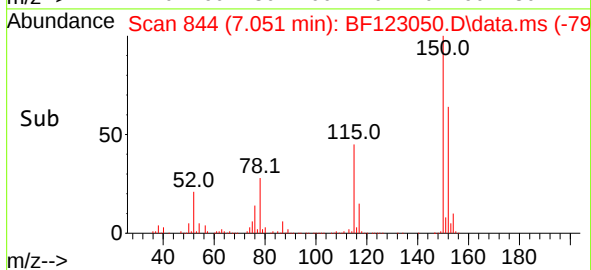
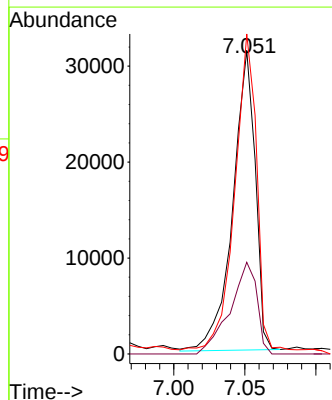
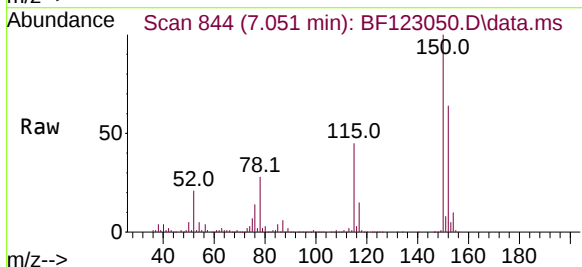
Instrument :
BNA_F
ClientSampleId :

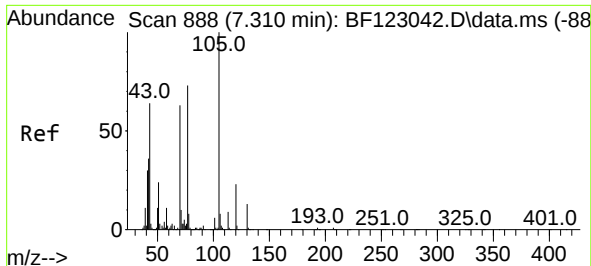
Tgt Ion: 94 Resp: 94533
Ion Ratio Lower Upper
94 100
65 24.8 11.2 51.2
66 30.6 25.8 65.8



#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.018 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion: 79 Resp: 34406
Ion Ratio Lower Upper
79 100
108 30.2 62.4 93.6#
77 105.4 49.0 73.6#

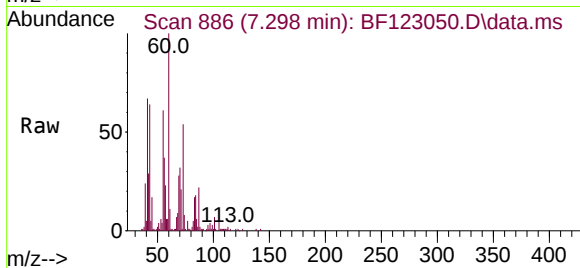




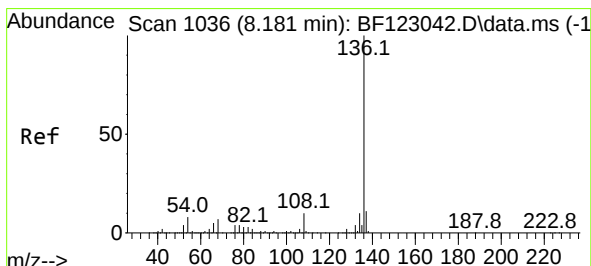
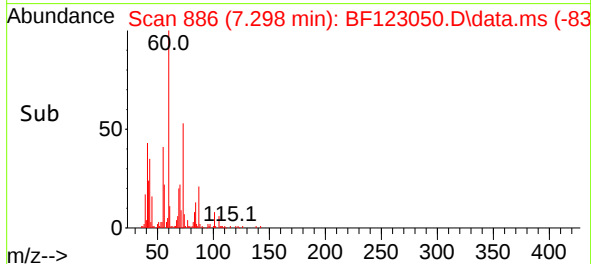
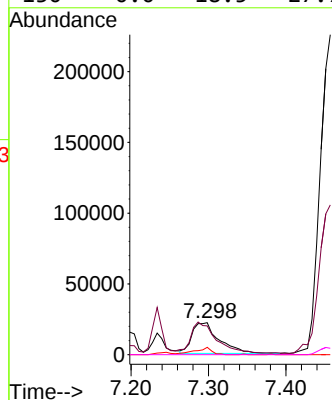
#19

n-Nitroso-di-n-propylamine
Concen: 3.60 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Instrument :
BNA_F
ClientSampleId :



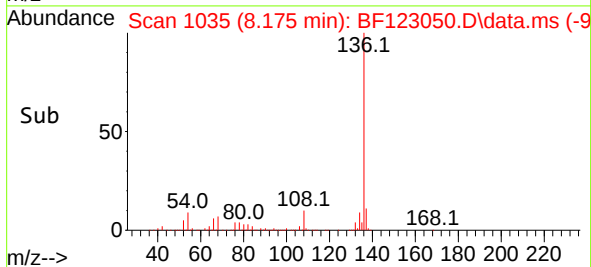
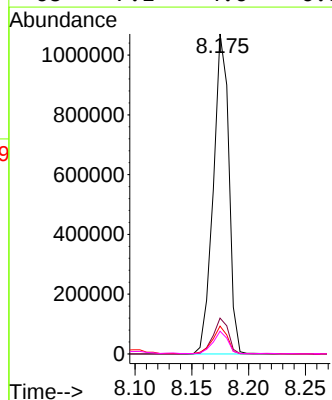
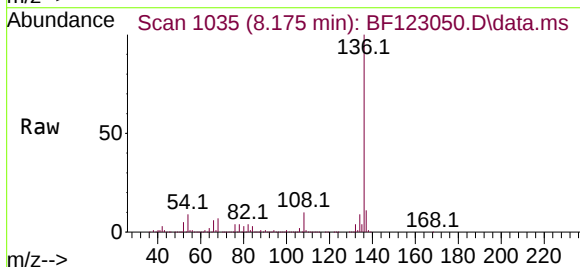
Tgt Ion	70	Resp:	52502
Ion	Ratio	Lower	Upper
70	100		
42	89.8	43.0	64.4#
101	23.1	7.9	11.9#
130	0.0	18.5	27.7#

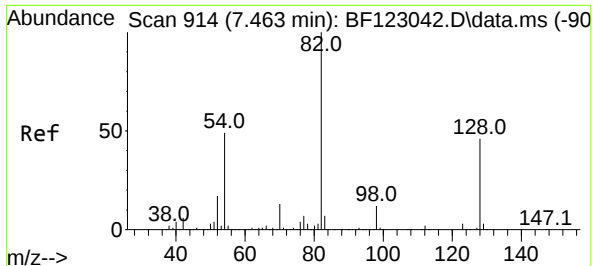


#21

Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion	136	Resp:	1021572
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.7	5.5	8.3#
68	7.1	4.6	6.8#





#23

Nitrobenzene-d5

Concen: 92.55 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

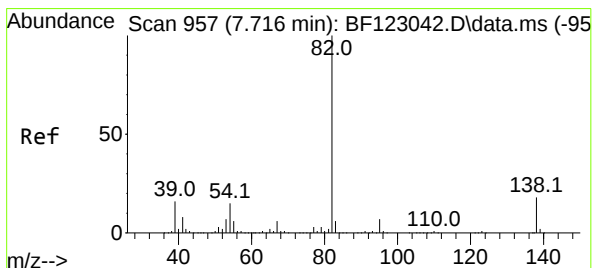
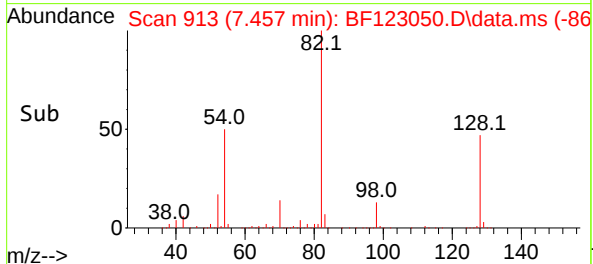
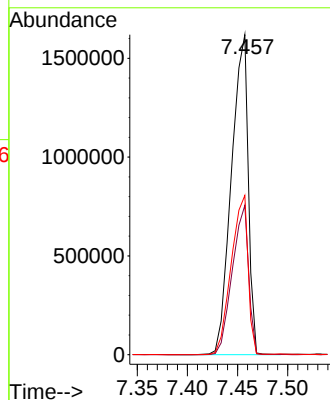
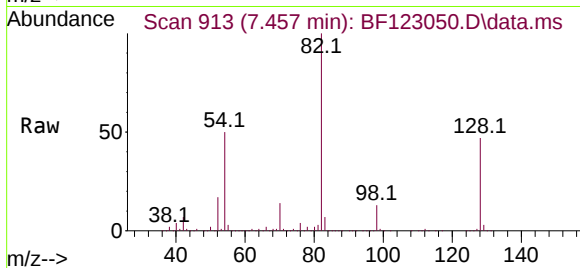
Lab File: BF123050.D

Acq: 27 Jan 2021 19:28

Tgt Ion: 82 Resp: 1878710

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.0	55.4
54	49.7	38.4	57.6

Instrument :
BNA_F
ClientSampleId :



#25

Isophorone

Concen: 50.24 ng

RT: 7.457 min Scan# 913

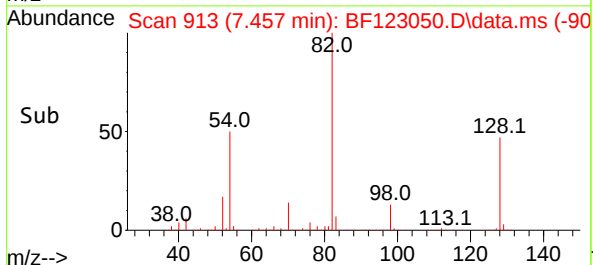
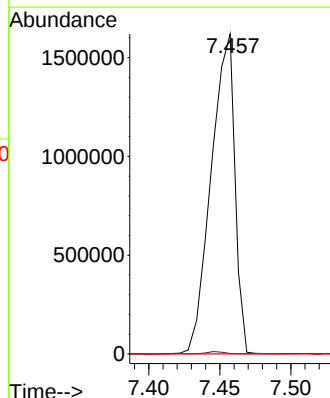
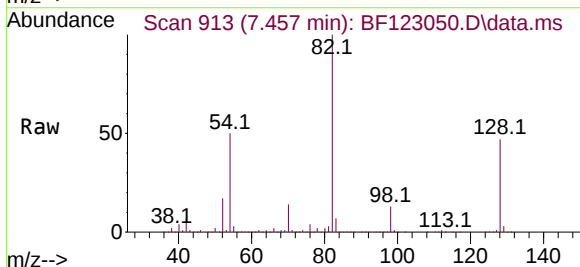
Delta R.T. -0.259 min

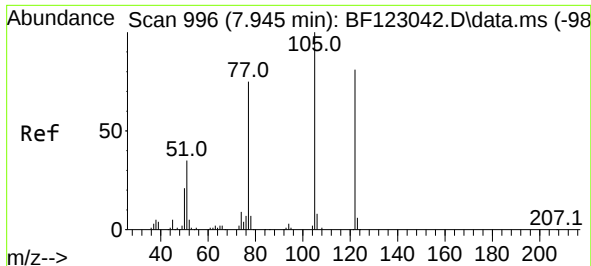
Lab File: BF123050.D

Acq: 27 Jan 2021 19:28

Tgt Ion: 82 Resp: 1867988

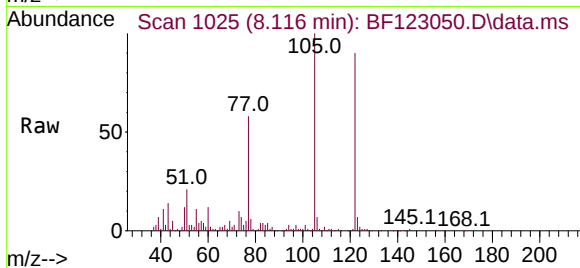
Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#



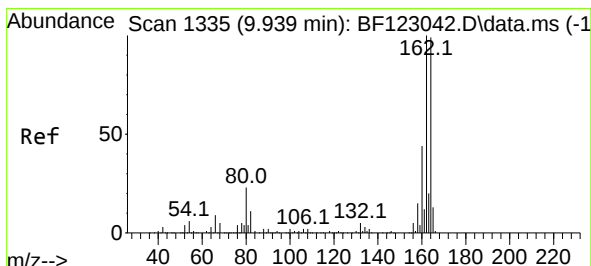
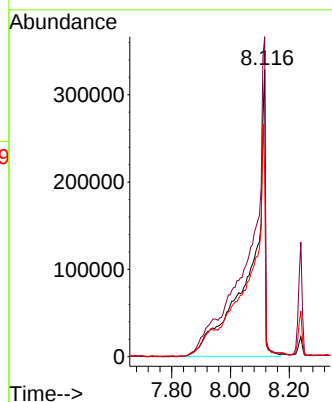
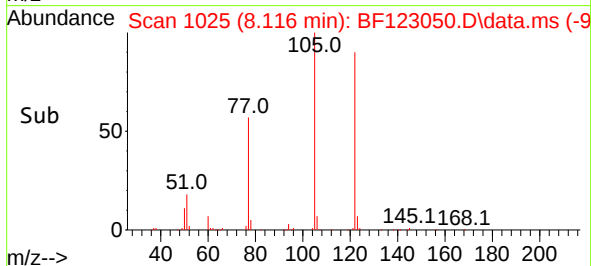


#32
Benzoic acid
Concen: 80.06 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.171 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Instrument :
BNA_F
ClientSampled :

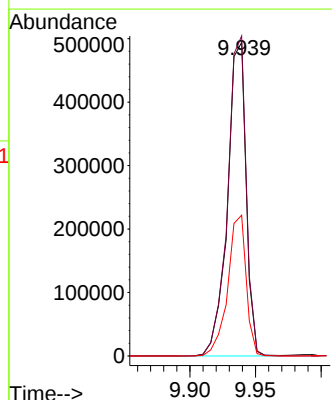
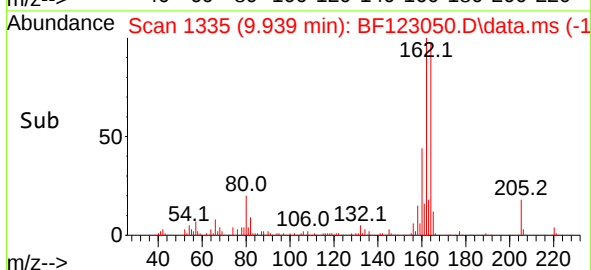
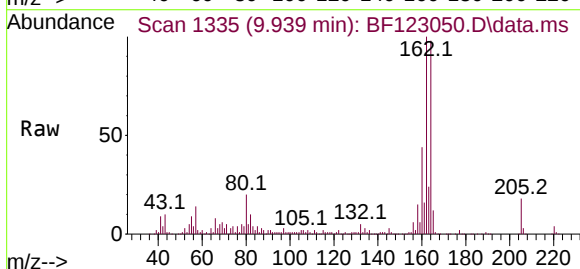


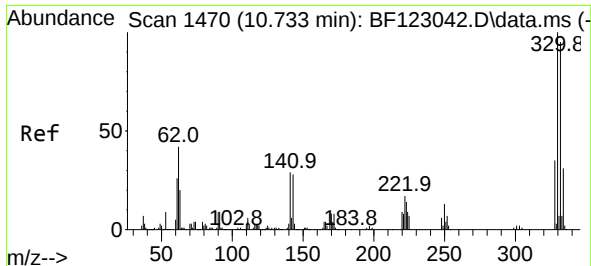
Tgt Ion:122 Resp: 1052286
Ion Ratio Lower Upper
122 100
105 111.5 104.8 144.8
77 64.7 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion:164 Resp: 487679
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 44.9 35.4 53.0

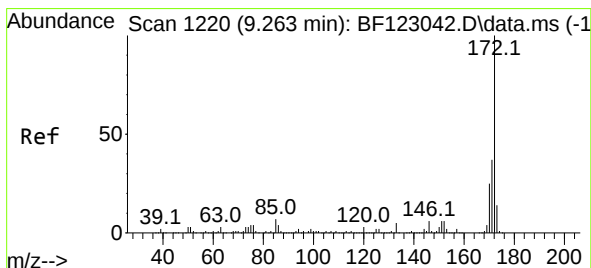
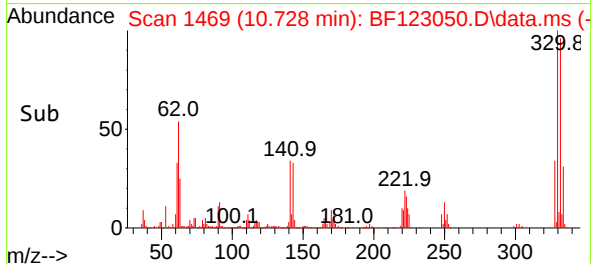
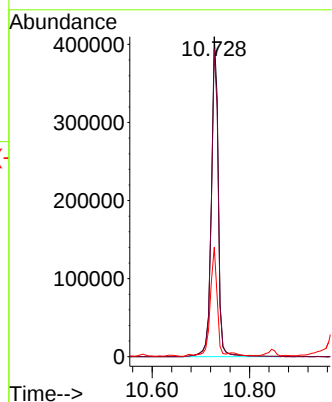
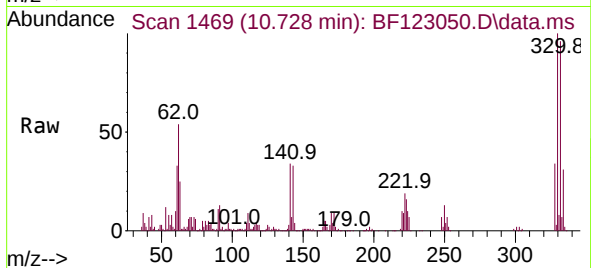




#42
2,4,6-Tribromophenol
Concen: 75.92 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

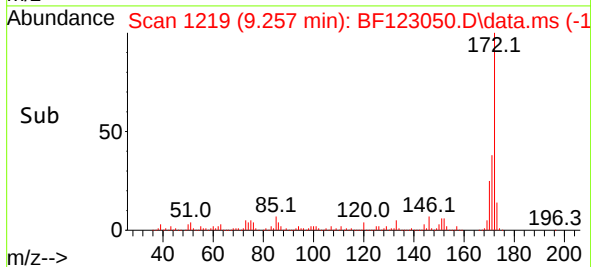
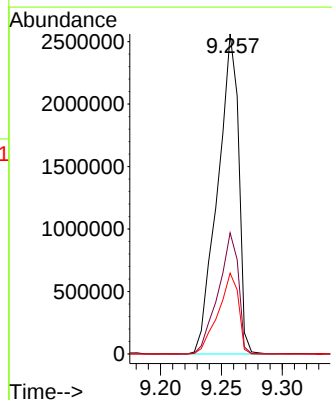
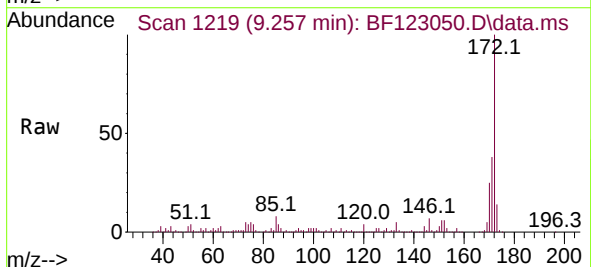
Instrument :
BNA_F
ClientSampleId :

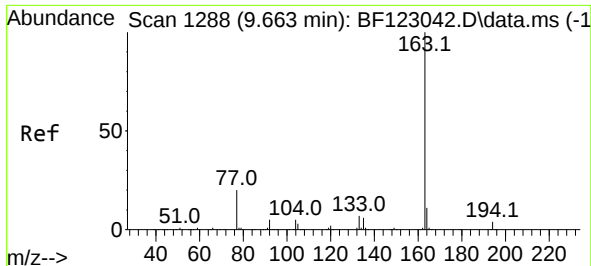
Tgt Ion: 330 Resp: 401941
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 32.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 93.64 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion: 172 Resp: 3071923
Ion Ratio Lower Upper
172 100
171 37.9 29.6 44.4
170 25.3 19.5 29.3

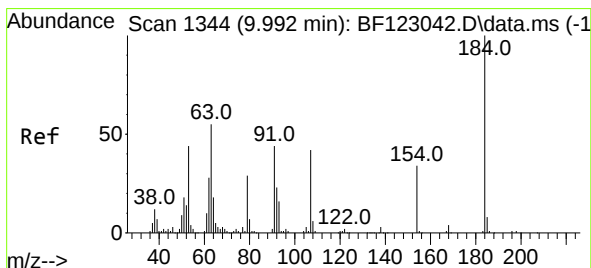
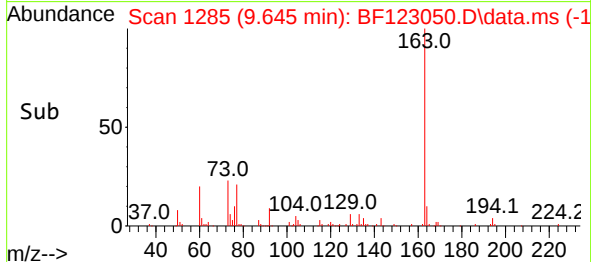
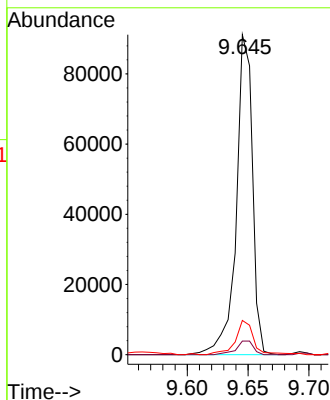
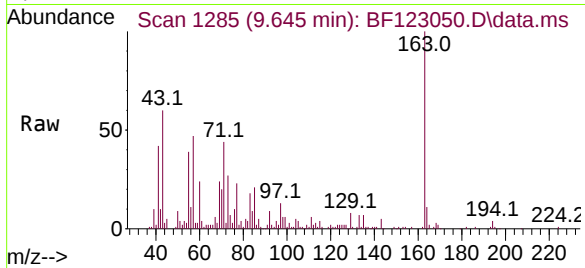




#50
Dimethylphthalate
Concen: 2.21 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

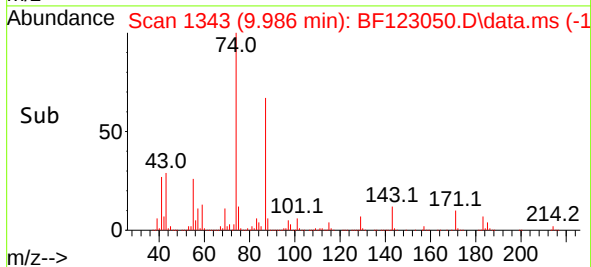
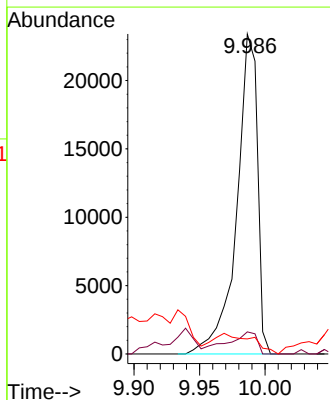
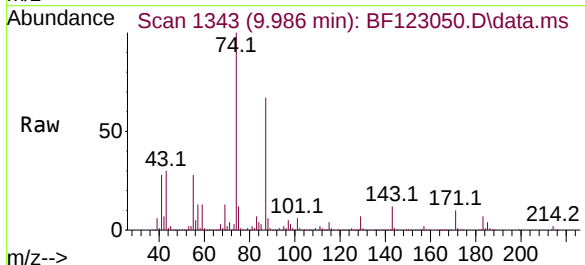
Instrument :
BNA_F
ClientSampleId :

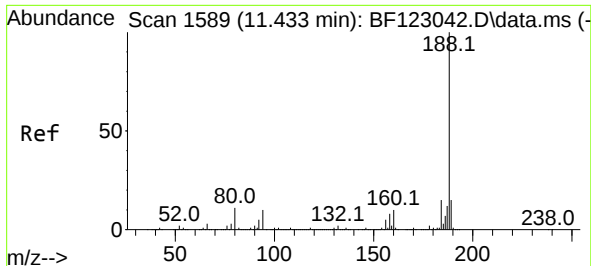
Tgt Ion:163 Resp: 84399
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.7 8.1 12.1



#54
2,4-Dinitrophenol
Concen: 13.16 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion:184 Resp: 25753
Ion Ratio Lower Upper
184 100
63 6.9 51.4 77.2#
154 4.7 49.7 74.5#

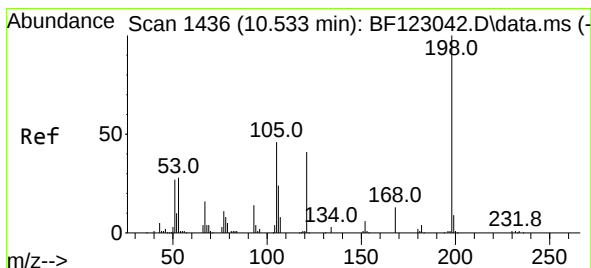
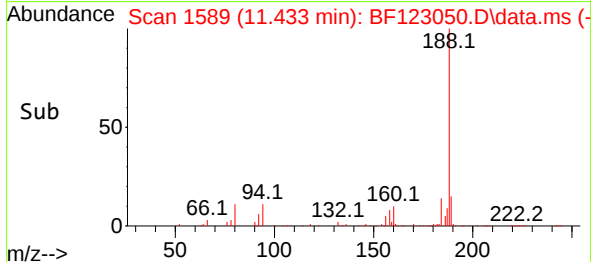
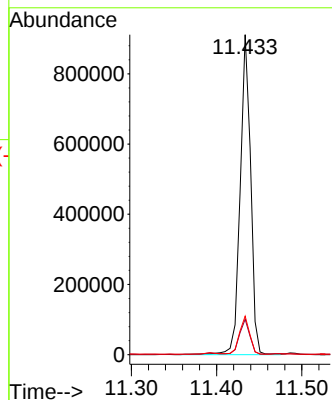
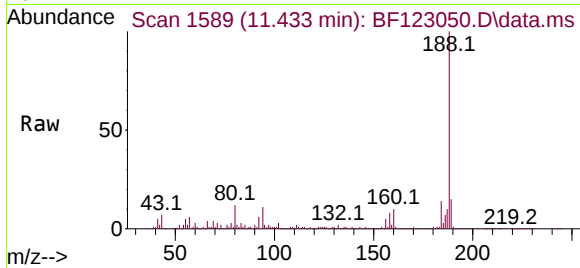




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

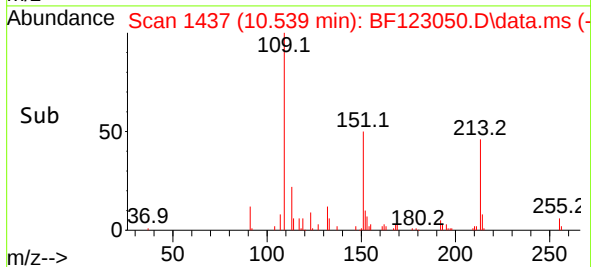
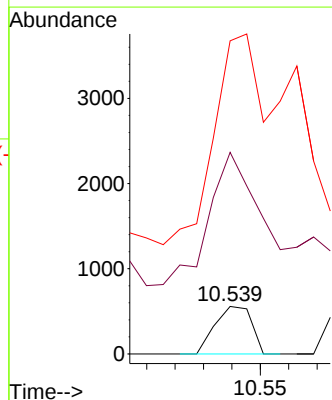
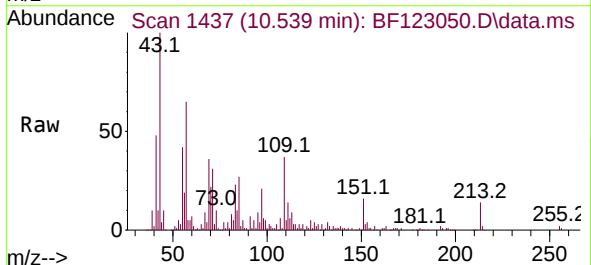
Instrument :
BNA_F
ClientSampled :

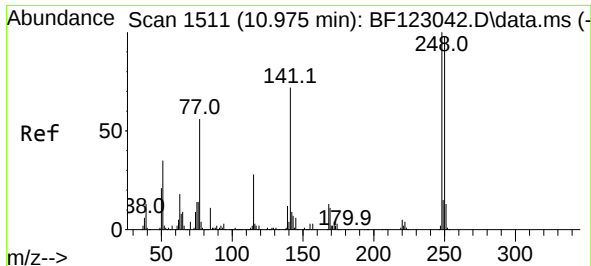
Tgt Ion:188 Resp: 776512
Ion Ratio Lower Upper
188 100
94 11.1 7.4 11.2
80 12.1 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.21 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion:198 Resp: 498
Ion Ratio Lower Upper
198 100
51 424.2 20.3 60.3#
105 658.6 23.0 63.0#

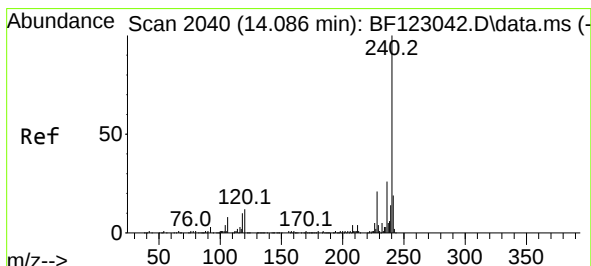
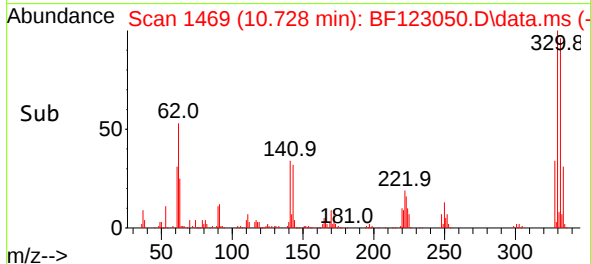
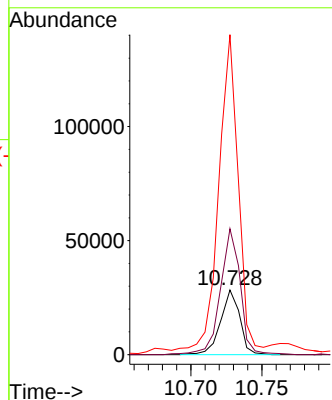
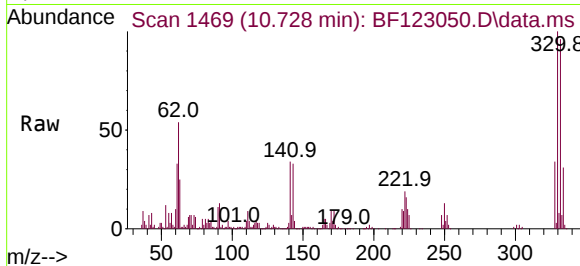




#67
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

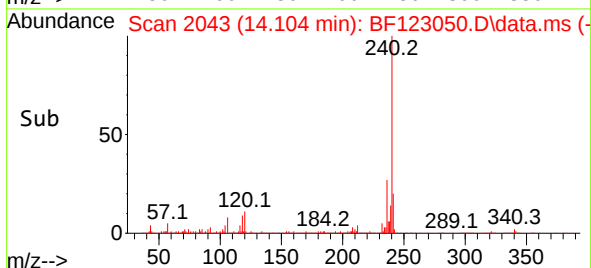
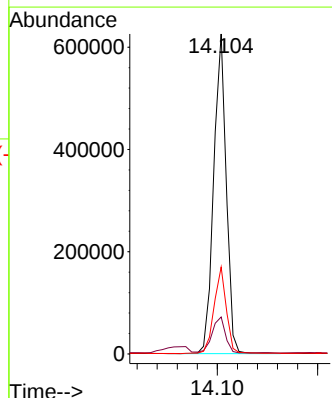
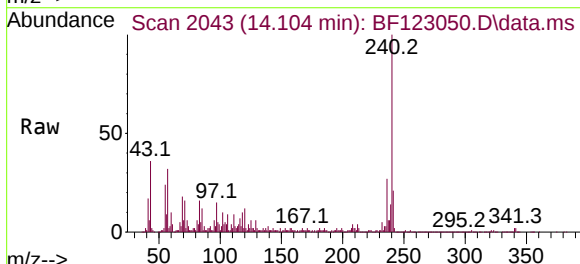
Instrument :
BNA_F
ClientSampleId :

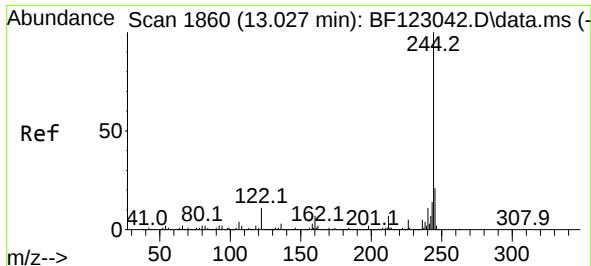
Tgt Ion:248 Resp: 26691
Ion Ratio Lower Upper
248 100
250 195.0 76.8 115.2#
141 495.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.018 min
Lab File: BF123050.D
Acq: 27 Jan 2021 19:28

Tgt Ion:240 Resp: 544457
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 27.1 20.3 30.5

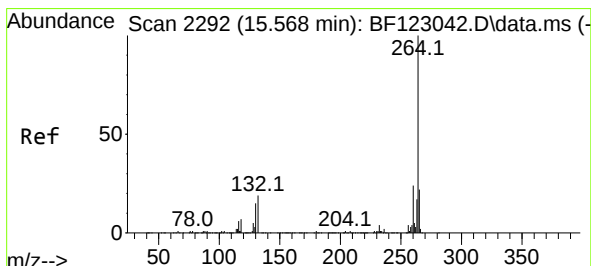
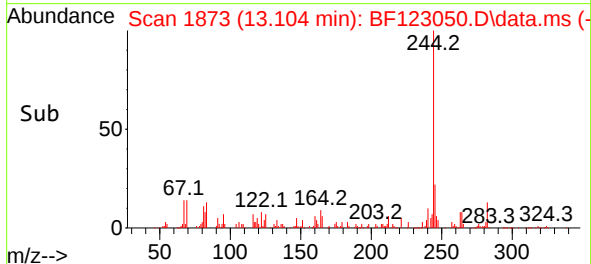
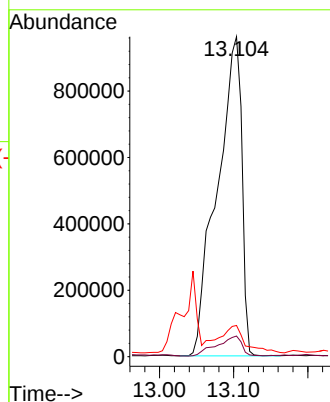
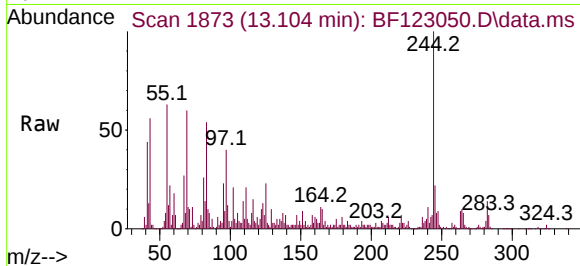




#79
 Terphenyl-d14
 Concen: 79.48 ng
 RT: 13.104 min Scan# 1873
 Delta R.T. 0.077 min
 Lab File: BF123050.D
 Acq: 27 Jan 2021 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 2202571
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF123050.D
 Acq: 27 Jan 2021 19:28

Tgt Ion:264 Resp: 558119
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.3 17.0 25.6

